



May 7, 2004

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station, 2nd Floor
Boston, MA 02110

Re: D.T.E. 03-121, NSTAR Electric Standby Rate Tariffs
Unitil Response to Record Request No. 8

Dear Secretary Cottrell:

Enclosed for filing in the above-referenced matter are an original and nine (9) copies of Unitil's response to Record Request DTE-8.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Gary Epler", written over the printed name.

Gary Epler

Enclosures

cc: William Stevens, Hearing Officer
John Cope-Flanagan, Hearing Officer
Service List (by U.S. Mail and e-mail)

Gary Epler
Senior Regulatory Counsel

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Commonwealth of Massachusetts
Department of Telecommunications and Energy
Fitchburg Gas and Electric Light Company d/b/a Unitil
Docket No: D.T.E. 03-121
Record Request No. DTE-8

Record Request No. DTE-8

Please provide a description of and corresponding MDTE tariff numbers for the GD and SD rate classes identified in Unitil's response to data request DTE-FG&E-1-1 at page 1. (Reference: Transcript 5/03/04 at 601:18.)

Response:

Please see attached tariff sheets, M.D.T.E. No. 106, sheets 1-7, and M.D.T.E. No. 107, sheets 1-6.

Person Responsible: David K. Foote

Date: May 7, 2004

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD

AVAILABILITY

Service is available under this Schedule at single locations to Commercial and Industrial customers where the Company delivers electricity for the exclusive use of the customer and not for resale. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Standard Offer Service or Default Service from the Company pursuant to Schedules SOS or DS as amended from time to time.

CHARACTER OF SERVICE

Continuous, 60 hertz, alternating current, single-phase or three-phase service at various voltage levels with the Customer's connected phase requirements and delivery voltage to be designated by the Company.

DELIVERY SERVICE CHARGES - MONTHLY

GD-1 Small General Delivery Service: for all customers with non-residential loads consistently under four (4) kilowatts and energy consumption less than eight hundred fifty (850) kilowatt-hours per month:

Customer Charge	@ \$6.83 per meter
Distribution Charge:	
All kWh	@ 4.248 ¢ per kWh
Transition Charge:	
All kWh	@ 0.982 ¢ per kWh
Internal Transmission Charge:	
All kWh	@ 0.189 ¢ per kWh

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

GD-2 Regular General Delivery Service: for commercial Customers with demands, excluding space heating and water heating loads eligible under the G-5 rate, consistently greater than or equal to four (4) kilowatts or energy consumption consistently greater than or equal to eight hundred fifty (850) kilowatt-hours per month and generally less than one hundred twenty thousand (120,000) kilowatt-hours per month:

Customer Charge	@ \$6.83 per meter
Distribution Charge:	
All kW	@ \$5.94 per kW
All kWh	@ 1.419 ¢ per kWh
Transition Charge:	
All kW	@ \$2.57 per kW
All kWh	@ 0.000 ¢ per kWh
Internal Transmission Charge:	
All kW	@ \$0.29 per kW
All kWh	@ 0.068 ¢ per kWh

GD-3 Large General Delivery Service: for any industrial or large commercial Customer, not participating in special contract rates with energy consumption generally greater than or equal to one hundred twenty thousand (120,000) kilowatt-hours per month:

Customer Charge	@ \$500.00 per meter
Distribution Charge:	
All kVA	@ \$2.95 per kVA
All kWh - On Peak Hours	@ 1.225 ¢ per kWh
All kWh - Off Peak Hours	@ 0.275 ¢ per kWh
Transition Charge:	
All kVA	@ \$3.83 per kVA
All kWh - On Peak Hours	@ 0.053 ¢ per kWh
All kWh - Off Peak Hours	@ 0.000 ¢ per kWh
Internal Transmission Charge:	
All kVA	@ \$0.21 per kVA
All kWh - On Peak Hours	@ 0.089 ¢ per kWh
All kWh - Off Peak Hours	@ 0.020 ¢ per kWh

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GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

For the purpose of billing under the GD-3 rate, "On-Peak" is defined to be between the hours of 7:00 A.M. and 10:00 P.M. (local time) for all non-holiday weekdays, Monday through Friday. "Off-Peak" is defined to be between the hours of 10:00 P.M. and 7:00 A.M. (local time) during non-holiday weekdays and all-day for weekends, Saturday and Sunday, and all-day for official Federal and Massachusetts holidays that occur on a weekday.

GD-4 Optional General Delivery Time-Of-Use: shall be available as an option to each customer billed at the GD-2 Regular General Service Delivery Rate.

Customer Charge@ \$6.83 per meter

Distribution Charge:

All kW - On Peak Hours@ \$2.33 per kW

All kW - Off Peak Hours@ \$0.00 per kW

All kWh - On Peak Hours@ 0.671 ¢ per kWh

All kWh - Off Peak Hours@ 0.148 ¢ per kWh

Transition Charge:

All kW - On Peak Hours@ \$8.99 per kW

All kW - Off Peak Hours@ \$0.00 per kW

All kWh - On Peak Hours@ 0.917 ¢ per kWh

All kWh - Off Peak Hours@ 0.000 ¢ per kWh

Internal Transmission Charge:

All kW - On Peak Hours@ \$0.35 per kW

All kW - Off Peak Hours@ \$0.00 per kW

All kWh - On Peak Hours@ 0.102 ¢ per kWh

All kWh - Off Peak Hours@ 0.022 ¢ per kWh

For the purpose of billing under the GD-4 rate, On-Peak and Off-Peak periods will be the same as those defined under the GD-3 service.

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GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

GD-5 Water And/Or Space Heating Delivery Rider: This provision is restricted to Customers presently served on this rate or having a building permit as of May 1, 1985. If a Customer has installed and in regular operation throughout the entire year a Company approved electric water heater which supplies the Customer's entire water heating requirements and/or a Customer has permanently installed electric space heating equipment for five (5) kilowatts or more, the Customer may elect to have this service metered separately and billed as follows:

Customer Charge@ \$0.00 per meter
Distribution Charge:
 All kWh@ 3.709 ¢ per kWh
Transition Charge:
 All kWh@ 0.982 ¢ per kWh
Internal Transmission Charge:
 All kWh@ 0.182 ¢ per kWh

When this option is requested, it shall apply for at least 12 months. Space heating Customers shall be subject to a separate minimum charge of \$8.00 per year per kilowatt of installed space heating capacity. This provision applies for both electric heating and electric cooling where the two services are combined by the manufacturer in a single self-contained unit.

DETERMINATION OF DEMAND

For the purpose of billing under the GD-1 Small General Delivery Service Rate and GD-5 Water And/Or Space Heating Delivery Rider, no demand charges will be rendered. The Company, however, reserves the right, at any time, to monitor each GD-1 Customer's load using appropriate metering equipment. When it is determined that a GD-1 Customer's load consistently equals or exceeds 4 kW or its energy consumption equals or exceeds 850 kWh, the Company shall, at its discretion, render bills based on the GD-2 Regular General Delivery Service Rate or the GD-4 Optional Commercial Delivery Time-Of-Use Rate.

For the purpose of demand billing under the GD-2 Regular General Delivery Service rate and the GD-4 Optional Time-Of-Use rate, demands shall be measured as the highest 15-minute integrated kilowatt (kW) load determined during the month for which the charge is rendered, but not less than any specified minimum available contract capacity, if applicable.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

The billing demand measured under the GD-2 and GD-4 rates shall be taken in 0.5 kW intervals, and those demands falling between any half kW interval shall be billed at the next lower 0.5 kW increment.

For the purpose of demand billing under the GD-3 Large General Delivery Service rate, demands shall be measured as the highest 15-minute integrated kilovolt-ampere (kVA) load determined during the On-Peak period of the month for which the charge is rendered, but not less than any specified minimum available contract capacity if applicable.

The billing demand measured under the GD-3 rate shall be taken in 0.5 kVA intervals and those demands falling between any half kVA interval shall be billed at the next lower 0.5 kVA increment.

MINIMUM CHARGE

The Minimum Charge per month, except as may be increased by line extension surcharges or guaranteed temporary service connections, shall be no less than the Customer Charge for each type of delivery service installed. For GD-3 Customers, there may be an additional minimum capacity charge based upon the service contract for that Customer.

METERING

The Company may at its option meter at the Customer's utilization voltage or on the high voltage side of the transformer through which service is furnished.

In the latter case or if the Customer's utilization voltage requires no transformation, and if the Company meters service at 4160 volts or higher, a compensating deduction of 3% will be made from the metered kilowatt (or kilovolt-ampere) demand and kilowatt-hour usage to determine billing amounts.

CREDIT FOR TRANSFORMER OWNERSHIP

GD-3 customers are responsible for their own transformation, but may rent such transformation from the Company at the Company's discretion. For all other General Delivery Service Customers, if the Customer furnishes all transformers required so that the Company is not required to furnish any transformers, there will be credited against the amount determined under the Distribution Charge 12 cents for each kilowatt of demand for such month.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

FARM CREDIT

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws, shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Standard Offer Service or Default Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

TERM OF CONTRACT

The term of contract under this Schedule shall be for an initial period of at least one year, and shall continue in effect thereafter until cancelled by either party upon at least 30 days' written notice. The Company may require longer initial and renewal contract terms whenever, in its opinion, the estimated annual revenue is insufficient to warrant the Company making the necessary commitments to render service.

ADJUSTMENTS

The Delivery Service Charges under this Schedule shall be adjusted from time to time to reflect the following:

Seabrook Amortization Surcharge - Schedule SAS, M.D.T.E. No. 32

Energy Efficiency Charge - Schedule EEC, M.D.T.E. No. 96

Internal Transmission Service Cost Adjustment - Schedule ITSCA, M.D.T.E. No. 34

External Transmission Charge - Schedule ETC, M.D.T.E. No. 97

Transition Cost Adjustment - Schedule TCA, M.D.T.E. No. 98

Renewable Resource Charge - Schedule RCC, M.D.T.E. No. 37

Default Service Adjustment - Schedule DSA, M.D.T.E. No. 101

For billing purposes, the Seabrook Amortization Surcharge will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Default Service Adjustment will

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GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

be included in the Transition Charge. The Energy Efficiency and Renewable Resource Charges will each be included as separate items on the bill.

TERMS OF PAYMENT

The Charges for service under this Schedule are net, billed monthly and payable upon presentation of bill. Interest charges will be added from the date of the original bill if current charges for electricity are not paid and received by the Company or its agents within twenty-five (25) days. Interest charges shall be calculated at an annual rate of interest which is the equivalent of the rate paid on two-year United States Treasury notes for the preceding 12 months ending December 31 of any year, plus 10 percent, i.e. 1000 basis points, in accordance with 220 CMR 26.00. The monthly interest charge is also added to accounts until all arrears have been paid.

GUARANTEE

When the estimated expenditure necessary to supply electrical energy properly to a Customer's premises shall be of such an amount that the income to be derived from the sale of such energy at the rates herein established, including the monthly minimum charge, will be insufficient to warrant such expenditure, the Company may require the Customer to guarantee a minimum annual payment for a term of years and/or to pay the whole or a part of the cost of extending, enlarging or rebuilding its facilities to supply the Customer's premises or other reasonable payments in addition to the payments otherwise provided herein.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE

SCHEDULE SD

AVAILABILITY

This Schedule is available to all Customers for outdoor lighting delivery service with the Company's standard lighting fixtures mounted on existing poles, except as otherwise provided herein. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Standard Offer Service or Default Service from the Company pursuant to Schedules SOS or DS as amended from time to time.

CHARACTER OF SERVICE

All lighting shall be photoelectrically controlled and supplied from multiple circuits. The Company will furnish and maintain the equipment hereinafter described, and shall supply service at which the lamps are designed to operate.

DELIVERY SERVICE CHARGES - MONTHLY

The monthly charges for Outdoor Lighting Delivery Service will include the kWh Charges plus the Luminaire Charges for the applicable luminaire as listed below.

Distribution Charge:

All kWh@ 0.057 ¢ per kWh

Transition Charge:

All kWh@ 0.982 ¢ per kWh

Internal Transmission Charge:

All kWh@ 0.000 ¢ per kWh

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE

SCHEDULE SD (Continued)

(A) Mercury Vapor Lighting Equipment*

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month		
		Internal Transmission	Distribution	Transition Charge
3,500	(MV) Residential and Commercial Type	\$0.23	\$6.48	\$0.00
7,000	(MV) Residential and Commercial Type	\$0.27	\$7.19	\$0.00
3,500	(MV) Street and Highway Type	\$0.23	\$6.48	\$0.00
7,000	(MV) Street and Highway Type	\$0.27	\$7.19	\$0.00
20,000	(MV) Street and Highway Type	\$0.52	\$13.05	\$0.00
60,000	(MV) Street and Highway Type	\$1.02	\$24.93	\$0.00
20,000	(MV) Flood Light Type	\$0.56	\$14.42	\$0.00
3,500	(MV) Power Bracket Included	\$0.24	\$6.79	\$0.00
7,000	(MV) Power Bracket Included	\$0.29	\$7.65	\$0.00

* Mercury Vapor Lighting is not available for new lighting installations, effective January 1, 1991.

(B) High Pressure Sodium Lighting Equipment

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month		
		Internal Transmission	Distribution	Transition Charge
3,300	(HPS) Residential and Commercial Type	\$0.20	\$5.62	\$0.00
9,500	(HPS) Residential and Commercial Type	\$0.24	\$6.69	\$0.00
3,300	(HPS) Street and Highway Type	\$0.20	\$5.62	\$0.00
9,500	(HPS) Street and Highway Type	\$0.24	\$6.69	\$0.00
20,000	(HPS) Street and Highway Type	\$0.39	\$9.96	\$0.00
50,000	(HPS) Street and Highway Type	\$0.56	\$14.16	\$0.00
140,000	(HPS) Street and Highway Type	\$1.18	\$29.04	\$0.00
50,000	(HPS) Flood Light Type	\$0.64	\$16.43	\$0.00

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OUTDOOR LIGHTING DELIVERY SERVICE

SCHEDULE SD (Continued)

- (C) Ornamental Lighting Equipment (Customer assumes all initial installation expenses inclusive of materials).

Lamp Size		Price Per Luminaire		
Nominal		Per Month		
Lumens		Internal		
(Approx.)	Type of Luminaire	Transmission	Distribution	Transition Charge
3,300	Street and Highway Type	\$0.16	\$4.51	\$0.00

Note: High pressure sodium lights designated by the above types are also available for use on private property subject to the provisions contained under "Special Provisions" hereof.

OTHER EQUIPMENT

Lighting fixtures other than those specified herein will be provided only at prices and for a term of contract to be mutually agreed upon.

TERM OF CONTRACT

Service under this Schedule shall be for an initial period of one year with automatic one year extensions thereafter until canceled by either party giving the other notice in writing at least 30 days prior to the expiration of any contract year. The Company may require longer initial and renewal contract terms whenever, in its opinion, the estimated annual revenue is insufficient to warrant the Company making the necessary commitments to render service.

BILLS AND PAYMENT

Bills are net and due upon presentation.

FARM CREDIT

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws, shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Standard Offer Service or Default Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

Issued: November 26, 2003

Effective: January 1, 2004

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE

SCHEDULE SD (Continued)

SPECIAL PROVISIONS

- (a) **Hours of Operation**
Approximate hours of operation will be from one-half hour after sunset to one-half hour before sunrise. The total burning hours shall not exceed 4,100 hours per year.
- (b) **Lamp Replacement**
The Company shall replace defective lamps as promptly as possible during regular working hours, after having been advised of the need of such replacement by the Customer.
- (c) **Change of Location**
The Company will, at the expense of the Customer, change the location of such fixtures as the Customer may order.
- (d) **Change of Fixture**
The Company will change the type of lighting fixture at the Customer's request, during regular working hours, but may require the customer to reimburse the Company for the depreciated cost of the retired equipment including installation and cost of removal, less any salvage value thereon.
- (e) **Permits**
The Customer shall provide, without cost to the Company, all permits, consents, or easements necessary for the erection, maintenance and operation of the Company's facilities, including the right to cut and trim trees where necessary
- (f) **Limitation of Service**
The Company reserves the right to restrict installations served under this schedule to those which will yield a reasonable return to the Company and to areas easily accessible by service truck.
- (g) **Additional Equipment**
Lighting installations requiring new poles and overhead conductors, or lighting units mounted on ornamental standards connected to an underground distribution circuit will be available only when the Customer signs an agreement under which Customer agrees to pay each

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OUTDOOR LIGHTING DELIVERY SERVICE

SCHEDULE SD (Continued)

month an additional charge of 2.4% of the excess cost of the facilities. Such an agreement shall have a minimum term of ten (10) years whenever more than four (4) luminaires are so installed.

Excess cost is defined as being the cost in excess of that which would have been incurred had the lights been mounted on existing poles.

(h) Failure of Lights to Burn

If any lights fail to burn the full period herein provided, then upon request, a deduction will be made from the monthly price for such lights provided they are not burning within 72 hours from the time the Company is notified of the outage.

The deduction shall be the monthly Delivery Service Charges multiplied by the ratio that the period of such outage bears to the total monthly burning time as herein indicated.

This deduction shall not apply in case the failure of the lights to burn is due to the act of any public authority or to malicious breakage; provided, however, that in the latter case the necessary repairs are made with reasonable dispatch.

ADJUSTMENTS

The Delivery Service Charges under this rate shall be adjusted from time to time to reflect the following:

Seabrook Amortization Surcharge - Schedule SAS, M.D.T.E. No. 32

Energy Efficiency Charge - Schedule EEC, M.D.T.E. No. 96

Internal Transmission Service Cost Adjustment - Schedule ITSCA, M.D.T.E. No. 34

External Transmission Charge - Schedule ETC, M.D.T.E. No. 97

Transition Cost Adjustment - Schedule TCA, M.D.T.E. No. 98

Renewable Resource Charge - Schedule RRC, M.D.T.E. No. 37

Default Service Adjustment - Schedule DSA, M.D.T.E. No. 101

For billing purposes, the Seabrook Amortization Surcharge will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Default Service Adjustment will

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OUTDOOR LIGHTING DELIVERY SERVICE

SCHEDULE SD (Continued)

be included in the Transition Charge. The Energy Efficiency and Renewable Resource Charges will each be included as separate items on the bill.

TERMS AND CONDITIONS

The Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.